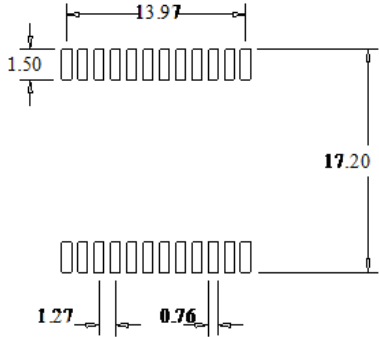
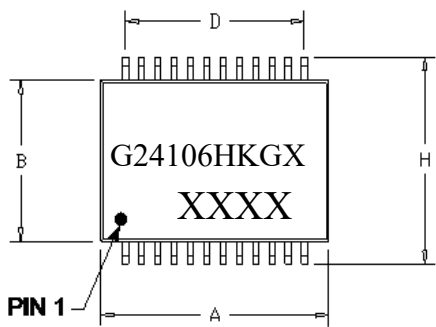
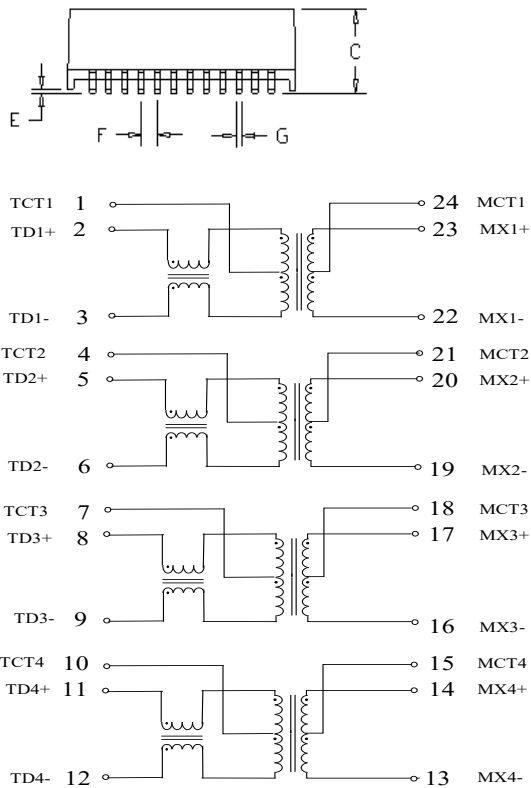


DIMENSIONS:



DIM	MILLIMETERS	
	Center	Tolerances
A	18.3Max	
B	12.25	± 0.254
C	6.80	(max)
D	13.97	± 0.127
E	0.30	± 0.127
F	1.27	± 0.127
G	0.46	± 0.127
H	16.00	± 0.254
I	0-8°	0-8°
J	0.90	± 0.254

SCHEMATIC:



ELECTRICAL SPECIFICATIONS @25 ℃

OCL: 350uH Min @ 100KHz, 0.2V, 11mA DC BIAS

80uH Min @ 100KHz, 0.2V, 25mA DC BIAS

1.2A Current Capability--It is suitable for IEEE 802.3

LL: 0.5uH Max @100KHz, 0.2V

Cw/w: 30PF TYP @100KHz, 0.2V

DCR: 1.2 Ω Max

Turn Ratio: 1CT: 1CT/1CT: 1CT±2%

Polarity: 23-2, 20-5, 17-8, 14-11 In-Phase

Insertion Loss : 0.3-1MHz - 1.1dB Max

1-65MHz - 0.8dB Max

65-100MHz - 1.0dB Max

100-125MHz - 1.2dB Max

Return Loss : 1-30MHz -18dB Min

40MHz -18dB Min

50MHz -16dB Min

60MHz -14.5dB Min

0MHz -12dB Min

00MHz -10dB Min

Cross Talk: 30MHz -43.5dB Min

60MHz -37.4dB Min

100MHz -33.0dB Min

CMRR: 0.3-30MHz -30dB Min

60MHz -30dB Min

80-100MHz -30dB Min

DCMR: 30MHz -35dB Min

60MHz -35dB Min

80-100MHz -35dB Min

Isolation Hi-Pot: 1500Vrms 1Sec

OPERATING TEMPERATURE: -40 ℃ TO +105 ℃

TITLE 10/100/1000 BASE-T SINGLE PORT TRANSFORMER MODULE

歐貝斯
OBEST INT, L LTD

Customer Specification NO.
Part NO. G24106HKGX

X1								
NO.	DESCRIPTION	DATE	NO.	DESCRIPTION	DATE			
REVISIONS								

UNIT
MM
DWG. NO.
/

SHEET 1 OF 1